Amendment to the claims

Please amend claims 1 and 5 as set forth below.

Please cancel claims 6-7, 9-11, 14-16, 19-44, 46-48 and 51-55 without prejudice or disclaimer. Claims 8, 12-13, 45 and 49-50 were previously cancelled.

Please add new claim 57.

Upon entry of the present amendment, the status of the claims will be as follows.

Listing of the claims:

1. (Currently amended) A fusion protein comprising:

   (a) a subject protein; and

   (b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula ~~-[-(Ala-Gly)$_x$-Pro-Glu-Gly-]$_n$ or -[-(Ala-Gly)$_x$-Glu-Gly-]$_n$~~ -[-(SEQ ID NO:1)$_x$-SEQ ID NO:2-]-$_n$, wherein x is 5, 6, 7 or 8 and n is an integer between about 1 and 4, or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:6-]-$_m$, wherein y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and m is an integer between about 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:2 is Pro-Glu-Gly and SEQ ID NO:6 is Glu-Gly.

2. (Original) The protein of claim 1, wherein the terminal region is the amino-terminal region.

3. (Original) The protein of claim 1, wherein the terminal region is the carboxyl-terminal region.

4. (Original) The protein of claim 1, wherein the polyanionic domain contains about 10 to 30 anionic amino acid residues.

5. (Original) The protein of claim [[4]] 1, wherein the polyanionic domain comprises anionic amino acid residues are selected from the group consisting of glutamic acid residues, aspartic acid residues, and any combination thereof.

6-16. (Cancelled).

17. (Previously presented) The protein of claim 9, wherein x is 5 and n is 14.

18. (Previously presented) The protein of claim 9, wherein x is 6 and n is 14.

19-55. (Cancelled).

56. (Original) A plurality of fusion proteins of claim 1.

57. (New) A fusion protein comprising:

(a) a subject protein; and

(b) a polyanionic domain attached to the subject protein at a terminal region, wherein the polyanionic domain binds to a polycationic coating deposited on a solid support and the polyanionic domain has the formula ~~-[-(Ala-Gly)$_x$-Pro-Asp-Gly-]$_n$-or -[-(Ala-Gly)$_y$-Asp-Gly-]$_m$~~ -[-(SEQ ID NO:1)$_x$-SEQ ID NO:7-]-$_n$ or -[-(SEQ ID NO:1)$_y$-SEQ ID NO:8-]-$_m$, wherein x or y is 0, 1, 2, 3, 4, 5, 6, 7 or 8 and n or m is an integer between about 1 and 40, and wherein SEQ ID NO:1 is Ala-Gly, SEQ ID NO:7 is Pro-Asp-Gly and SEQ ID NO:8 is Asp-Gly.